Item No. 8g_supp
Meeting Date: November 17, 2026

Satellite Transit System Controls Project Amendment Authorization (CIP #801043)

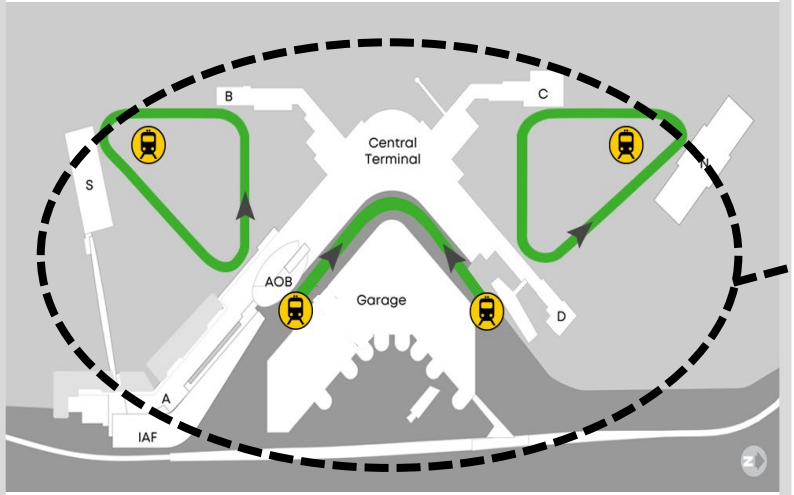
Port of Seattle®

Purpose & Scope

Project Purpose: Life Cycle Extension project of the STS's Control System to include the replacement of obsolete software, hardware, radios and associated components.

Project Scope:

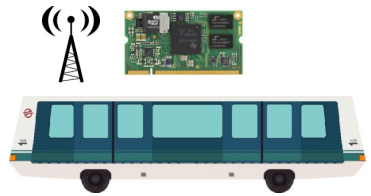
Phase 1- Construction



Fiber Optic Loop /
Electrical Construction

Phase 2 - Equipment





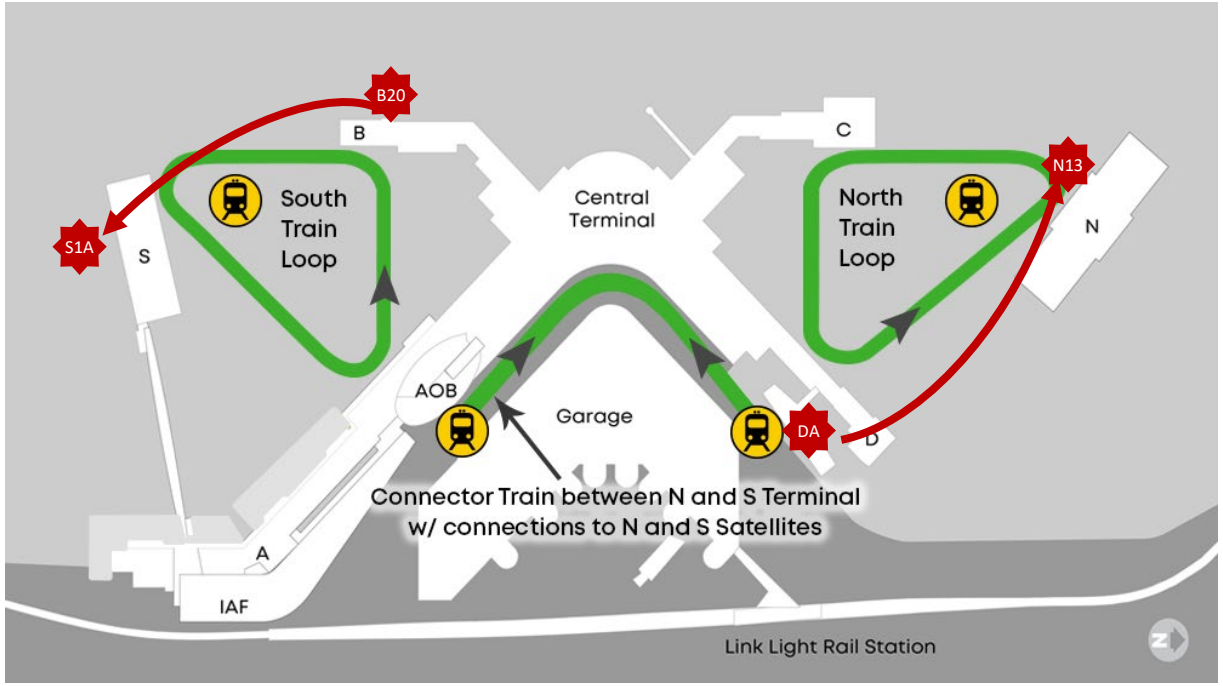
21 Cars

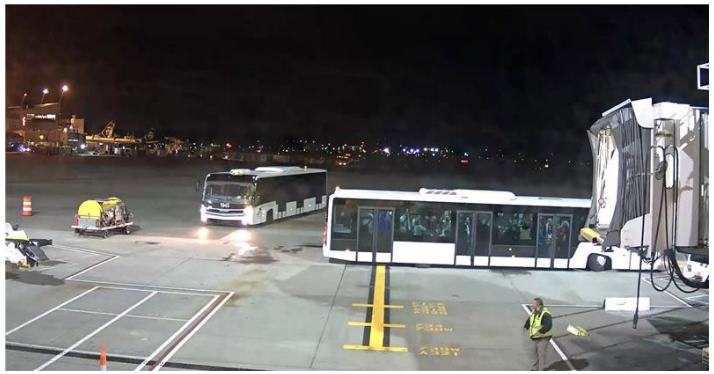
Automatic
Train Control
System

- Software
- Hardware
- Network
- Radios
- Certification

Operational Impacts

- Nightly STS Shutdowns
  - North Loop from 12AM to 6AM
  - South Loop from 11PM to 5AM
  - Shuttle Track from 10PM to 6AM
- Active Construction and Operational Readiness (COR) plan
- Busing / Wayfinding
  - NSAT: D Annex ground board to Gate N13
  - SSAT: B20 hardstand gates to Gate S1A
- Limited STS car availability during transition from existing to new system.





Project Budget and Schedule

Current Budget: $78,240,000

This Request: $4,700,000

Revised Budget: $82,940,000

The request supports the Port's obligations for construction completion and closeout

The project is funded by the Airport Development Fund

Schedule Milestones:

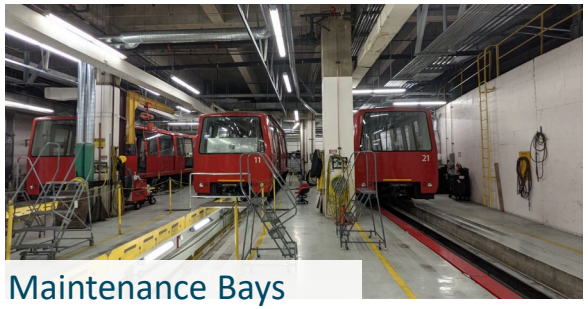
- Construction Auth: Q3, 2021
- South Loop In Use: Q2, 2027
- North Loop in Use: Q1, 2028
- Substantial Completion: Q3, 2028

Schedule extended by 31 months due to a construction contractor defaulting and additional manufacturing delays.

Project Photos



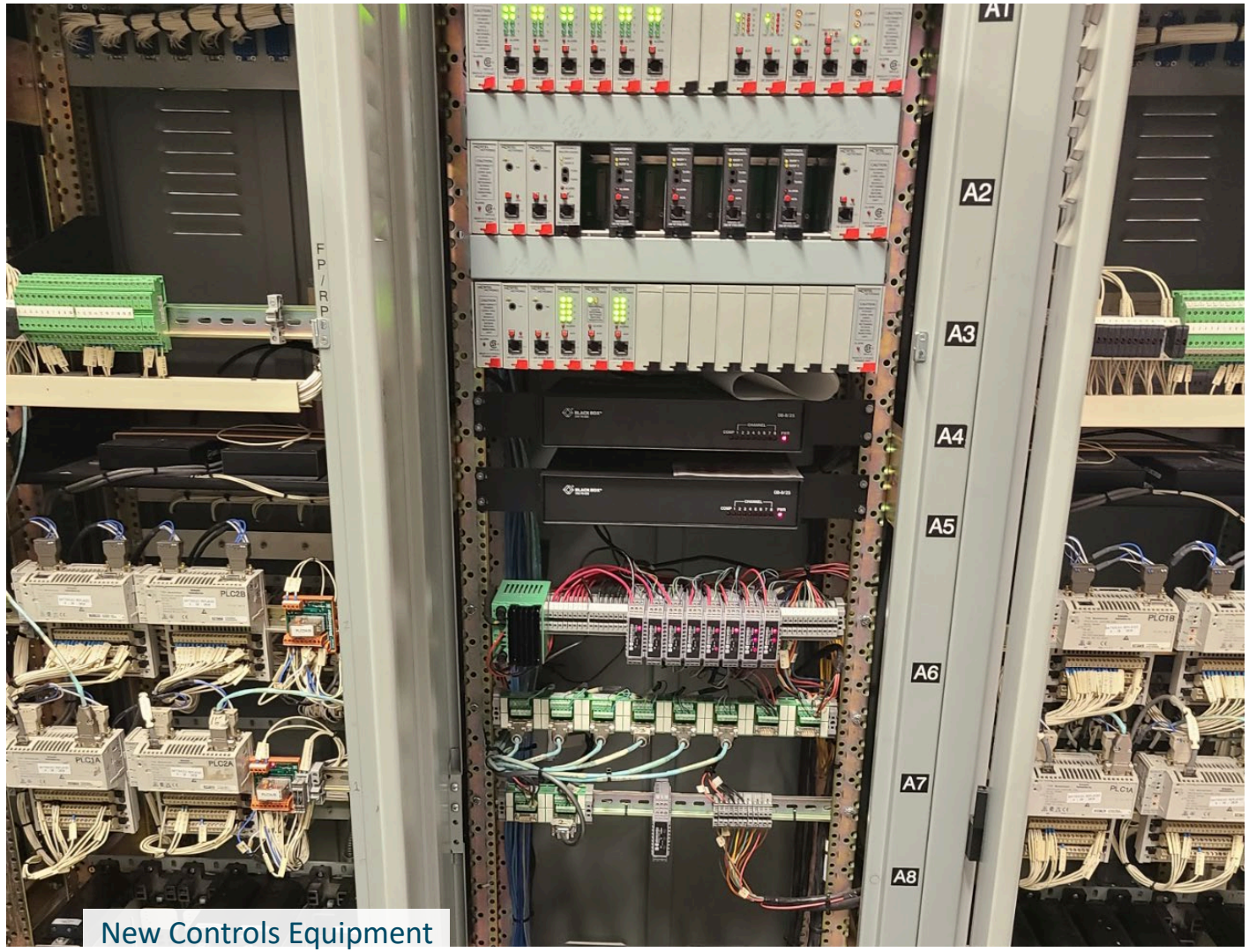
Temporary Controls Center



Maintenance Bays



1.8 Miles of Conduit



New Controls Equipment

Project Photos



Old Vehicle Coupler



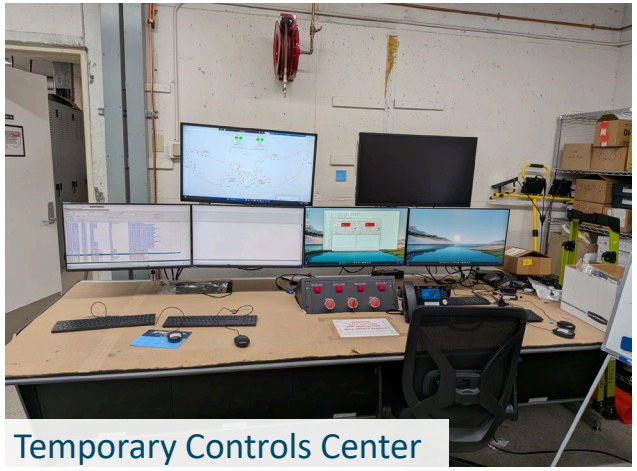
Replacement Vehicle Coupler



Communications Retrofit



Vehicle Dynamic Testing



Temporary Controls Center



Vehicle Retrofit Work

Action Requested

Request Commission authorization for the Executive Director to:

(1) Increase the Capital Improvement project budget and authorization for the STS Controls Renewal and Upgrade project (CIP#801043) at Seattle-Tacoma International Airport (SEA) by $4,700,000;

(2) Execute related project change orders, amendments, work authorizations, purchases, contracts and other actions necessary in support of the project.

The amount of this request is $4,700,000 for a revised total estimated project cost not to exceed $82,940,000.

Questions?